

CLAIM AMENDMENTS:

Please cancel Claims 18, 19, and 21, and amend Claims 1, 3, 10 and 20, as follows:

1. (Currently Amended) An image reading apparatus comprising:
an image reading unit having a photoelectric conversion component
for reading light from an image and converting the read image to an image signal;
a driving motor for moving said image reading unit and the image
relative to each other;
a motor control unit for controlling said driving motor;
an interface connecting to an external information processing device;
a conversion circuit for performing analog-to-digital conversion on
the image signal into image data;
a memory connected to said interface for storing the image data; and
a control signal receiving unit for receiving a motor control signal
via said interface,

wherein, when said external information processing device uses a
virtual memory to store said image data obtained through the interface and when access
speed of the virtual memory is lower than a reference value, said control signal receiving
unit receives the motor control signal which controls said driving motor speed to be lower
than the motor speed when not using said virtual memory so as to satisfy the relationship
 $V_1 \leq V_2$, where V_1 represents a data speed at which the image is read to generate the
image data, and V_2 represents a data speed at which the image signal read out via said
interface is stored in the information processing device as one piece of image data, and
wherein said motor control unit controls said driving motor
according to the received motor control signal.

2. (Currently Amended) The image reading apparatus of Claim 1, wherein said control signal receiving unit further receives the motor control signal which controls said driving motor so as to satisfy the relationship $V1 \leq V3$, where $V3$ represents a data speed at which the image data is read out from said memory via said interface, and wherein said motor control unit controls said driving motor according to the received motor control signal virtual memory is a swapped memory used when a work area for said image data could not be reserved in the physical memory of said image processing device.

3. (Currently Amended) An image reading system comprising:

(A) an image reading apparatus comprising:

(i) an image reading unit having an photoelectric conversion component for reading light from an image and converting the read image to an image signal;

(ii) a driving motor for moving said image reading unit and the image relative to each other;

(iii) a motor control unit for controlling said driving motor;

(iv) a conversion circuit for performing analog-to-digital conversion on the image signal into image data; and

(v) an image memory for storing the image data; and

(B) an information processing apparatus comprising:

(i) a temporary storage memory for reading and temporarily storing the image data stored in said image memory;

(ii) an identifier adapted to identify whether or not a virtual memory is used for said temporary storage memory;

(iii) a first timer for measuring the speed of the data stored in said temporary storage memory; and

(iiiv) a control signal generating unit for outputting a motor control signal to said motor control unit based on the output of said identifier and the measurement of said first timer,

wherein said motor control unit controls said driving motor according to the motor control signal output by said control signal generating unit.

4. - 9. (Cancelled)

10. (Currently Amended) A controlling method for controlling an image reading system, comprising the steps of:

reading image data at a predetermined read speed to generate image data;

storing the image data in storage means;

reading out the image data stored in the storage means via an interface;

temporarily storing the image data, which is read out in the reading out step, in a temporary storage memory; and

identifying whether or not a virtual memory is used as said temporary storage memory; and

detecting a speed at which the temporary storage memory temporarily stores the image data,

wherein the read speed in the reading step is controlled according to the result of said identifying step and the speed detected in the detecting step.

11. - 19. (Cancelled)

20. (Currently Amended) A recording medium having a computer-executable program recorded therein, the program implementing a method according to Claim-18 10 in an image reading system comprising an image reading apparatus and a computer.

21. (Cancelled)